

Presented to MAG POPTAC

September 27, 2011

2010 PUMA DELINEATION



What are PUMAs

- ♦ Public Use Microdata Areas
 - ♦ Tabulation areas for Census 2010 and American Community Survey Public Use Microdata Sample (PUMS) data
 - ♦ PUMS contain records for a sample of housing units with information on the characteristics of each unit and each person in it
 - ♦ PUMS are used in MAG socioeconomic and transportation modeling as the basis for household populations

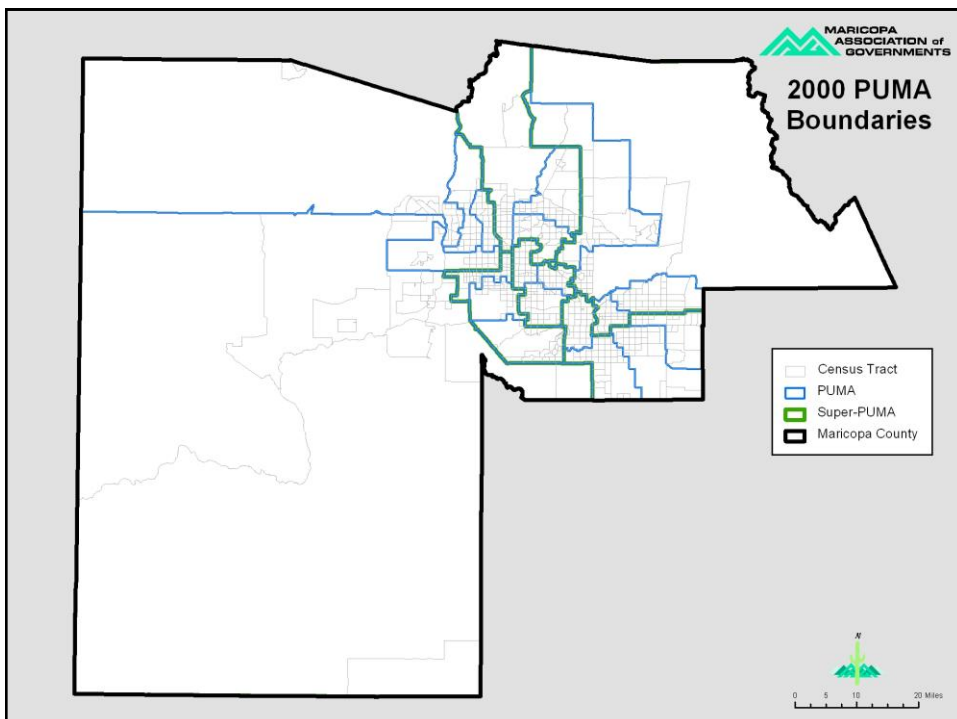
PUMA Characteristics

Built from County and Census Tract boundaries

Nest within states

Cover the entirety of the United States

Are contiguous



Changes Since 2000

- ◆ Only one level of PUMA in 2010
 - ◆ Previously two levels: 1% super PUMA and 5% standard PUMA
 - ◆ 1% PUMS files not produced for ACS and not planned for 2010 Census, necessitating production of only 5% PUMS
- ◆ County and Census Tracts are building blocks
 - ◆ Previously incorporated places could also be used
- ◆ PUMAs can be optionally assigned a name

PUMA Criteria

- ◆ Minimum population of 100,000 people
- ◆ PUMAs may not cross State boundaries
- ◆ The building blocks for PUMAs are Counties and Census Tracts
 - ◆ PUMAs may consist of one or more counties in their entirety
 - ◆ PUMAs may cross county boundaries
- ◆ Must be geographically contiguous

PUMA Guidelines

- ♦ PUMAs should be entirely inside or outside of an MSA
- ♦ 2010 place definitions, 2000 urban/rural definitions, and local knowledge should inform PUMA delineation
- ♦ Maximize the number of PUMAs: maximum population should be about 200,000
- ♦ Avoid splitting American Indian Reservation Areas

Delineation Responsibilities

- ♦ Arizona State Data Center (SDC) will be the responsible organization for providing PUMA updates to Census
- ♦ MAG will perform work to delineate boundaries in Maricopa County and provide those to the SDC
- ♦ Member agencies will approve boundaries delineated by MAG

Census Schedule

Date	Activity
September 2011	Materials sent to SDCs
Late December 2011 – Early January 2012	Return deadline for SDCs
Fall 2011 – Spring 2012	Review of PUMA submissions by Census
Spring 2012 – Summer 2012	Creation of geographic products containing 2010 PUMAs
Fall 2012	Shapefiles released for 2010 PUMAs
To be determined	2010 PUMS files and ACS PUMS released

MAG POPTAC Schedule

Date	Activity
September 2011	Materials sent to SDCs
Late September 2011 – Early October 2011	MAG defines draft PUMAs for Maricopa County
Mid to Late October 2011	Member agency review and comment of draft PUMAs
November 2011	MAG POPTAC approval of PUMAs
November 2011	MAG sends draft PUMAs to SDC
Late December 2011 – Early January 2012	Return deadline for SDCs

Comments or Questions

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